

August 9, 1955

Miss Mary Jane Morris, Secretary  
Federal Communications Commission  
Washington 25, D.C.

Dear Miss Morris:

Pursuant to the provisions of an Act entitled, "An act relating to the landing and operation of submarine cables in the United States" (47 U.S.Code, Sections 34-39), and Executive Order No. 10539, dated May 10, 1954 (delegating to the Federal Communications Commission certain Presidential functions relating to submarine cables), American Telephone and Telegraph Company hereby applies for a license to land and operate twin submarine cables comprising a cable system connecting the continental United States and the Island of Oahu, Territory of Hawaii.

Applicant is a corporation organized and existing under the laws of the State of New York. All of its officers are citizens of the United States.

The cables will be deep-sea submarine repeatered-type cables. The core of each cable will consist of a central copper conductor insulated with a water-impervious material (polyethylene) and provided with a return conductor consisting of six thin copper tapes along the surface of the insulation. In the submarine portions the core will be protected by armor of various types, depending upon the depth of the water. The capacity of the cables will be 36 telephone circuits.

It is proposed to land the cables at or near Point Reyes, California, and Koko Head, Oahu, Territory of Hawaii, in accordance with the drawings attached hereto.

Applicant proposes to use the cable system, in conjunction with facilities of other Bell System Companies and facilities provided by the Hawaiian Telephone Company, to provide communication services between points in the continental United States and points in the Hawaiian Islands.

The demand for long distance message telephone service and private line services between the United States and Hawaii has been growing rapidly and is expected to continue to grow as a

result of the economic and industrial development of Hawaii and the defense activity centered there. The proposed cable system will provide additional circuits for such growth and will improve the quality of the service now being provided by means of radio circuits.

The proposed cable facilities will be particularly important and desirable in connection with national defense. In addition to satisfying the pressing need of the military forces for additional circuits between the Mainland and Hawaii, the cable system will increase the reliability of service to the Islands by providing an alternative method of communication during periods when the existing radio circuits are rendered unserviceable as a result of atmospheric disturbances or other causes. Thus, in addition to providing for the increasing service requirements, the proposed facilities may be expected to contribute substantially to the national defense effort.

More detailed information regarding the need for these facilities is set forth in an application which is being filed concurrently with the Commission for authorization under Section 214 of the Communications Act of 1934, as amended, to construct and operate the proposed cable system.

Present plans call for the proposed cable facilities to be owned and operated by the American Telephone and Telegraph Company. However, it is contemplated that the Hawaiian Telephone Company may acquire an interest in the ownership and operation of these facilities. In such event, of course, an appropriate application to this Commission will be made for any necessary authorization.

Very truly yours,

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

By (Signed) FRANK A. COWAN  
Assistant Director of Operations

Attest:

(Sgd.) ELIZABETH K. TAYLOR, Assistant Secretary  
STATE OF NEW YORK }  
COUNTY OF NEW YORK } SS:

Frank A. Cowan, being duly sworn, deposes and says that

he is the Assistant Director of Operations of the AMERICAN TELEPHONE AND TELEGRAPH COMPANY (Long Lines Department), the applicant herein; that he has read the foregoing application and knows the contents thereof; and that they are true to the best of his knowledge, information and belief.

(Signed) FRANK A. COWAN

Sworn to before me this 9th day of August, 1955

(Sgd.) AUGUST J. FALCIER  
Notary Public

AUGUST J. FALCIER  
Notary Public, State of New York  
No. 41-6225100  
Qualified in Queens County  
Commission Expires March 30, 1956

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